

Amendment to the Specification:

On page 3, please amend the paragraph beginning at line 6 and ending at line 12 to read as follows:

Another embodiment of the present invention is directed to a device including a controller, a memory coupled to the controller, and an input interface arranged to received at least two event signals. ~~The controller is arranged to determine a global correlation for the at least two event signal over a first period of time, determine a local correlation for the at least two event signals over a second period of time which is shorter than the first period of time, determine a deviation between a local correlation vector and a global correlation vector, and determine an average deviation from the deviation and determine whether an artifact was detected in one of the at least two event signals.~~

On page 3, please amend the paragraph beginning at line 12 and ending at line 15 to read as follows:

A more complete understanding of the method and apparatus of the present invention is available by reference to the following detailed description when taken in conjunction with the accompanying drawings wherein: